



**The City of Santa Clara  
California  
EMPLOYMENT OPPORTUNITY**



**ELECTRICIAN #32-06-885-C**

Open/Competitive  
(Continuous Recruitment)

**MONTHLY SALARY RANGE:** \$6,436- \$7,814 (Longevity Pay up to \$8,222)

**QUALIFICATIONS:** Applicants, at time of filing application, must possess the following qualifications:

- Age: Minimum - 18 years
- Graduation from high school or possession of a G.E.D., and
- Status as a journey level electrician and/or completion of a formal electrician apprenticeship program.

**Desirable Experience**

- Journey level experience working for an electric utility maintaining high voltage substation equipment or journey level experience maintaining solid state traffic signal equipment, or solid state supervisory control systems.

Meeting the minimum qualifications does not guarantee admittance into the examination process. Only the most qualified candidates who demonstrate the best combination of qualifications in relation to the requirements and duties of the position will be invited to test.

**LICENSES, OTHER REQUIREMENTS, AND SPECIAL CONDITIONS:**

- Possession of a valid California Class C driver's license is required at time of appointment.
- Incumbents of this classification may be required to work outside their regularly scheduled hours, and to be available for emergency and/or pre-arranged work whenever called upon.
- Incumbents will be required to work occasionally at a considerable height above the ground.
- Applicants appointed to this position after August 21, 1984 must possess normal color vision at time of appointment.
- Incumbents of this classification may be subject to drug and/or alcohol testing as mandated by federal regulations.
- Applicants must successfully pass a City background investigation, which may include, in the discretion of the City and/or as required by law, fingerprinting, criminal records search, credit check, DMV record check, and employment verification. Any information obtained will be used to determine eligibility for employment in accordance with the law, including but not limited to restrictions regarding employer use of arrest and/or conviction information.
- A medical examination will be required prior to appointment.
- Must be able to perform all of the essential functions of the job assignment.

**FILING AND EXAMINATION DATES:**

Applications are accepted on a continuous basis as established by the Civil Service Commission. Examination dates are established when vacancies occur and/or as soon as a sufficient number of qualified applications are received. Examinations will be given only in Santa Clara, CA. Formal completed applications must be sent to the Human Resources Department, City Hall, 1500 Warburton Avenue, Santa Clara, California 95050. Fax # is (408) 247-5627.

**APPLICATIONS:**

An "on-line" Employment Application can be downloaded from the following website address:

[http://www.santaclaraca.gov/hr\\_resources/hr\\_employ\\_opportunities.html](http://www.santaclaraca.gov/hr_resources/hr_employ_opportunities.html) or obtained at the Human Resources Department, City Hall, 1500 Warburton Avenue, Santa Clara, California 95050, or at the City Fire Stations, the City Police Headquarters and Rivermark Police Substation, the Community Recreation Center, or the City Libraries.

Applicants with disabilities who are capable of performing the job duties of the position may request reasonable accommodation to help with the application and examination process by contacting the Human Resources Department at (408) 615-2080 or, for those who are hearing impaired, call TTY (408) 984-3042. Individuals requesting accommodation for the examination must notify Human Resources at the time of application.

**ELECTRICIAN #32-06-885-C** (continued)

**EXAMINATION WEIGHT:**        50 %        - Oral Examination  
   50%        - Written Examination

All candidates must attain a passing score on each phase of the examination process to qualify for the Eligible List. A department interview will be required prior to appointment.

**KNOWLEDGE, SKILLS AND ABILITIES:**

Knowledge of: Fundamentals of electricity and electronics including their application to the operation of high voltage substations, motor control, circuits, traffic signal devices and street lighting; National Electrical Code, California Electrical Safety Orders and CAL-OSHA; Techniques, tools and materials of the electrical utility trade, and skill in their use; Applicable safety preparations and first aid practices.

Ability to: Read and interpret blueprints and electrical diagrams; Keep records; Understand and follow oral and written instructions; Establish and maintain cooperative working relationship with those contacted in the course of work, including the general public; Walk or stand for extended periods of time and bend, stoop, reach, carry, crawl, climb, and lift as necessary to perform assigned duties; Effectively handle multiple priorities, organize workload, and meet strict deadlines; and Work in a team-based environment and achieve common goals.

**TYPICAL DUTIES:**

Under general supervision: Performs a variety of skilled electrical work involved in construction, maintenance, and troubleshooting of substations, Supervisory Control Automated Data Analysis (SCADA) systems, communication and traffic signal systems, street lighting systems, automatic water control systems, and other City Electrical facilities; Installs, maintains and repairs alarm equipment, motors, and switchboard wires; Maintains, tests, and repairs relays; Installs and maintains primary and secondary metering equipment; Installs and maintains well starters and related automatic control equipment and such electrical substation equipment as 230 KV, 115 KV, 60 KV, and 12 KV circuit breakers, transformers, capacitor banks, air switches, control wires, and protective relays; Answers trouble calls concerning substation alarms and traffic signals; Operates hydraulic aerial devices to perform work inside substations and to replace burned out street and traffic signal lights; Maintains, repairs and replaces traffic signal standards and associated equipment; Troubleshoots secondary circuits of 750 volts and under; Takes readings and keeps records of substations; Inspects the various areas of substations and grounds, as appropriate, to insure its safe and efficient operation; Logs and reports any deficiencies, takes readings, analyzes failures, and takes corrective action to insure plant safety and reliability; Performs a variety of skilled electrical and mechanical work related to the distribution and transmission of electrical power; and Performs other related duties as assigned.

**VETERAN'S PREFERENCE POINTS:**

This position qualifies for Veteran's Preference Points. Applicants who have separated from service (Active Duty Status) must submit proof of honorable discharge (Form DD214) with their application at time of filing.

**BENEFITS:**

The City participates in the California Public Employees' Retirement System (2.7% @ 55) integrated with Social Security. A summary of benefits for this position may be obtained from the Human Resources Department or online at

<http://www.santaclaraca.gov/pdf/benefitunits/BenefitInfo3.pdf>

*The information contained herein is subject to change and does not constitute either an expressed or implied contract.*

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